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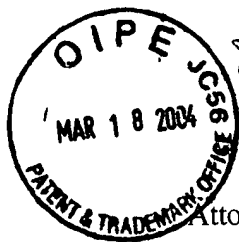
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1627

Attorney Docket No.: 6063.500-US(M&F Docket No. 1878-4051)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Beasley et al.

Application No.: 09/538,038

Group Art Unit: 1627

Filed: March 29, 2000

Examiner: B. Celsa

For: Insulin and IGF-1 Receptor Agonist and Antagonists

**TRANSMITTAL OF SUPPLEMENTAL POWER OF ATTORNEY
AND CHANGE OF CORRESPONDENCE ADDRESS DOCUMENT**

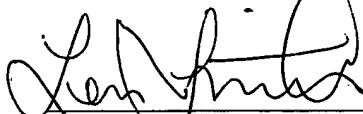
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is a Supplemental Power of Attorney and Change of Correspondence Address duly executed by authorized agents of Novo Nordisk® A/S and Antyra, Inc. (successor to DGI Biotechnologies Inc.), the assignees of record. A copy of the Assignment of the subject application to the assignees and the Notice of Recordation associated therewith (indicating that the Assignment has been recorded in the US Patent and Trademark Office on June 5, 2001, on Reel 011872, Frame 0070 and on June 5, 2002, on Reel 011883, Frame 0034) also is included herewith.

No fees are believed to be required in connection with this matter. However, please charge any fees, should they be required, to Deposit Account No. 14-1447. A duplicate of this sheet is enclosed.

Respectfully submitted,



Date: March 16, 2004

Len S. Smith, Reg. No. 43.139
Novo Nordisk Pharmaceuticals, Inc.
100 College Road West
Princeton, NJ 08540
(609) 987-5800

Use the following customer number for all correspondence regarding this application.

23650

PATENT TRADEMARK OFFICE



Attorney Docket No.: 6063.500-US (formerly M & F Docket No.1878-4051)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Beasley et al.

Application No.: 09/538,038

Group Art Unit: 1627

Filed: March 29, 2000

Examiner: B. Celsa

For: Insulin and IGF-1 Receptor Agonist and Antagonists

**SUPPLEMENTAL POWER OF ATTORNEY AND
CHANGE OF CORRESPONDENCE ADDRESS**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Novo Nordisk A/S and Antyra, Inc. (successor to DGI Biotechnologies Inc.) the assignees of record (a copy of which assignment is attached hereto), hereby appoint the practitioners associated with Customer Number 23,650 with full power of attorney to prosecute this application and all related applications and patents (including all divisions, continuations, and reissues thereof) and to transact all business in the Patent and Trademark Office in connection therewith.

All further correspondence regarding the above-identified application should be addressed to the correspondence address associated with Customer Number 23,650.

Please note that the attorney docket number for this matter is now **6063.500-US.**
Please use this docket number for all future correspondence associated with this matter.

The undersigned are authorized to act on behalf of the respective assignees.

In re Pillutla et al.
Application No. 09/538,038
Page 2 of 3

Novo Nordisk A/S


Signature

By: Lars Kellberg

Title: Vice President

Date: 11th March 2004

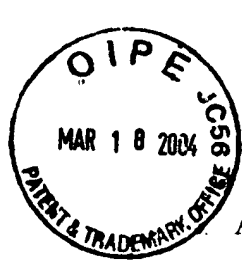
Antyra, Inc. (successor to DGI Biotechnologies Inc.)


Signature

By: Neal Goldstein

Title: President

Date: 3-2-07



Attorney Docket No.: 6063.500-US (M&F Docket No. 1878-4051)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Beasley et al.

Serial No.: 09/538,038

Group Art Unit: 1627

Filed: March 29, 2000

Examiner: B. Celsa

For: Insulin and IGF-1 Receptor Agonist and Antagonists

CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I hereby certify that the attached correspondence comprising:

1. Supplemental Power of Attorney and Change of Correspondence Address Transmittal
2. Supplemental Power of Attorney and Change of Correspondence Address
3. Assignments and Notices of Recordation

is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On March 16, 2004

Dolly Kapadia
(name of person mailing paper)

Dolly Kapadia
(signature of person mailing paper)



187804051 CDH
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 24, 2001

200 AUG 30 PM 4:45

MORGAN & FINNEGAN, LLP
CARYN DEHORATIUS
345 PARK AVENUE
NEW YORK, NEW YORK 10154
MORGAN & FINNEGAN LLP



101784676A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/05/2001

REEL/FRAME: 011883/0034

NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SCHAFFER, LAUGE

DOC DATE: 09/15/2000

ASSIGNOR:

BRANDT, JAKOB

DOC DATE: 09/15/2000

ASSIGNOR:

SPETZLER, JANE

DOC DATE: 09/28/2000

ASSIGNOR:

OSTERGAARD, SOREN

DOC DATE: 09/11/2000

ASSIGNOR:

HANSEN, PER HERTZ

DOC DATE: 09/11/2000

ASSIGNEE:

NOVO NORDISK A/S

KROGSHOEJVEJ 31

DK-2880 BAGSVAERD, DENMARK

011883/0034 PAGE 2

SERIAL NUMBER: 09538038
PATENT NUMBER:

FILING DATE: 03/29/2000
ISSUE DATE:

SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

PATENT

Docket No. 1878-4051

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

James Beasley, residing at 35 Magellan Way, Franklin Park, NJ 08823, USA

Arthur J. Blume, residing at 11 Walden Drive, Annandale, NJ 08801, USA

Lauge Schäffer, residing at Hornemansgade 12,1,2100-DK Copenhagen Ø, DENMARK

Renuka Pillutla, residing at 10 Pope Road, Bridgewater, NJ 08807, USA

Jakob Brandt, residing at Tjoernevangen 27, 2700-DK Broenshoej, DENMARK

Renee Brissette, residing at 20 Deer Trail Drive, Clarksburg, NJ 08510, USA

Jane Spetzler, residing at Østbanegade 41,1,t.h., 2100-DK Copenhagen Ø, DENMARK

Weiqing Cheng, residing at 87 Tennyson Drive, Plainsboro, NJ 08536, USA

Søren Østergaard, residing at Borrebyvej 21, 2700-DK Broenshoej, DENMARK

Wlodek S. Mandecki, c/o PharmaSeq, 11 Deer Park Drive, Monmouth Junction, NJ 08852, USA

Per Hertz Hansen, residing at Nybrovej 222, 2800-DK Lyngby, DENMARK

Mark Ravera, residing at 579 Shunpike Road, Chatham, NJ 07928, USA

Ku-chuan Hsiao, residing at 451 Milano Drive, Easton, PA 18040, USA
(full name(s) and post office address(s) of inventor(s) (including country))

have made a discovery or invention entitled:

INSULIN AND IGF-1 RECEPTOR AGONISTS AND ANTAGONISTS

(title of discovery or invention)

[] for which application for Letters Patent of the United States has been executed on even date herewith,

[X] for which application for Letters Patent of the United States has been filed on March 29, 2000, under Serial No. 09/538,038, and

WHEREAS:

Lauge Schäffer, Jakob Brandt, Jane Spetzler, Søren Østergaard, and Per Hertz Hansen (hereinafter referred to as ASSIGNOR(S)) desire to assign their entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

WHEREAS:

NOVO NORDISK A/S, Krogshøjvej 31, DK 2880 Bagsvaerd, DENMARK
(name and address of assignee)

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of ONE Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I, SAID, ASSIGNOR(S), hereby covenant that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over;

AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reissues of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, I will, at any time, when called up to do so by the ASSIGNEE, its successors, legal representatives, or assigns sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discover in all countries, and without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

Assignor's signature: Lauge Schäffer

Citizenship: Denmark

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 15 day of September 2000.

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

Notary Public

Assignor's signature: Jakob Brandt

Citizenship: Denmark

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 15 day of September 2000.

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

Notary Public

Jane Peterson

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 28 day of Sep 2000.

STATE OF)
) ss.:
COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

Notary Public

Spence Fitzgerald

Citizenship: Denmark

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 11 day of 09, 2000.

STATE OF)
 ss.:
COUNTY OF)

On this ____ day of _____, 2000, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

Notary Public

Ge. Ham

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1878-4051 CDeHoratius
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 17, 2001

MORGAN & FINNEGAN LLP.

PTAS

MORGAN & FINNEGAN, LLP
CARYN DEHORATIUS
345 PARK AVENUE
NEW YORK, NEW YORK 10154



101747901A

UNITED STATES PATENT AND TRADEMARK OFFICE
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/05/2001

REEL/FRAME: 011872/0070
NUMBER OF PAGES: 27

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BEASLEY, JAMES

DOC DATE: 09/01/2000

ASSIGNOR:

BLUME, ARTHUR J.

DOC DATE: 09/01/2000

ASSIGNOR:

BRISSETTE, RENEE

DOC DATE: 09/01/2000

ASSIGNOR:

CHENG, WEIQING

DOC DATE: 09/22/2000

ASSIGNOR:

HSIAO, KU-CHUAN

DOC DATE: 09/16/2000

ASSIGNOR:

MANDECKI, WLODAK S.

DOC DATE: 09/16/2000

ASSIGNOR:

PILLUTLA, RENUKA

DOC DATE: 09/01/2000

011872/0070 PAGE 2

ASSIGNOR:
RAVARA, MARK

DOC DATE: 09/16/2000

ASSIGNEE:
DGI BIOTECHNOLOGIES INC.
40 TALMADGE ROAD
EDISON, NEW JERSEY 08818

SERIAL NUMBER: 09538038
PATENT NUMBER:

FILING DATE: 03/29/2000
ISSUE DATE:

SEDLEY PYNE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

PATENT

Docket No. 1878-4051

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

James Beasley, residing at 35 Magellan Way, Franklin Park, NJ 08823, USA

Arthur J. Blume, residing at 11 Walden Drive, Annandale, NJ 08801, USA

Lauge Schäffer, residing at Hornemansgade 12,1,2100-DK Copenhagen Ø, Denmark

Renuka Pillutla, residing at 10 Pope Road, Bridgewater, NJ 08807, USA

Jakob Brandt, residing at Tjoernevangen 27, 2700-DK Broenshoej, DENMARK

Renee Brissette, residing at 20 Deer Trail Drive, Clarksburg, NJ 08510, USA

Jane Spetzler, residing at Østbanegade 41,1,t.h., 2100-DK Copenhagen Ø, DENMARK

Weiqing Cheng, residing at 87 Tennyson Drive, Plainsboro, NJ 08536, USA

Søren Østergaard, residing at Borrebyvej 21, 2700-DK Broenshoej, DENMARK

Wlodek S. Mandecki, c/o PharmaSeq, 11 Deer Park Drive, Monmouth Junction, NJ 08852, USA

Per Hertz Hansen, residing at Nybrovej 222, 2800-DK Lyngby, DENMARK

Mark Ravera, residing at 579 Shunpike Road, Chatham, NJ 07928, USA

Ku-chuan Hsiao, residing at 451 Milano Drive, Easton, PA 18040, USA
(full name(s) and post office address(s) of inventor(s) (including country))

have made a discovery or invention entitled:

INSULIN AND IGF-1 RECEPTOR AGONISTS AND ANTAGONISTS

(title of discovery or invention)

[] for which application for Letters Patent of the United States has been executed on even date herewith,

[X] for which application for Letters Patent of the United States has been filed on March 29, 2000, under Serial No. 09/538,038, and

WHEREAS:

James Beasley, Arthur J. Blume, Renuka Pillutla, Rene Brissette, Weiqing Cheng, Wlodek S. Mandecki, Mark Ravera, and Ku-chuan Hsiao (hereinafter referred to as ASSIGNOR(S)) desire to assign their entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

WHEREAS:

DGI BIOTECHNOLOGIES INC., 40 Talmadge Road, Edison, NJ 08818 USA
(name and address of assignee)

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of ONE Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I, SAID, ASSIGNOR(S), hereby covenant that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over;

AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reissues of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, I will, at any time, when called up to do so by the ASSIGNEE, its successors, legal representatives, or assigns sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and

assigns, to obtain and enforce proper patent protection for said invention or discover in all countries, and without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

Assignor's signature: James Beasley

Citizenship: U.S.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 1 day of SEPT., 2000.

STATE OF

COUNTY OF

) N.J.

ss.:

) middlesex

On this 1st day of Sept., 2000, before me, the undersigned authority, personally appeared to me

known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

[Signature]
Notary Public

VICTORIA L. GUSTAFSON
Notary Public of New Jersey
My Commission Expires April 16, 2002

Assignor's signature: Arthur J. Blume

Citizenship: U.S.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 1 day of SEPT., 2000.

STATE OF

COUNTY OF

) N.J.

ss.:

) middlesex

On this 1st day of Sept., 2000, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

[Signature]
Notary Public

VICTORIA L. GUSTAFSON
Notary Public of New Jersey
My Commission Expires April 16, 2002

Assignor's signature: Renuka Pillutla

Citizenship: India

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 1st day of SEPT., 2000.

STATE OF) N.J.
COUNTY OF) Middlebury

On this 1st day of Sept., 2000, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.


Notary Public

VICTORIA L. GUSTAFSON
Notary Public of New Jersey
My Commission Expires April 16, 2002

Assignor's signature: Renee Brissette

Citizenship: U.S.A.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 1 day of Sept., 2000.

STATE OF) N.J.
COUNTY OF) Middlebury

On this 1st day of Sept., 2000, before me, the undersigned authority, personally appeared

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Notary Public

VICTORIA L. GUSTAFSON
Notary Public of New Jersey
My Commission Expires April 16, 2002

Assignor's signature: Weiqing Cheng

Citizenship: _____

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)
 ss.:
COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared
to me known and known to me to be the individual who is described in and who executed the foregoing Assignment,
and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and
purposed therein specified.

Notary Public

Assignor's signature: Wlodek S. Mandecki

Citizenship: _____

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)
 ss.:
COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared
to me known and known to me to be the individual who is described in and who executed the foregoing Assignment,
and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and
purposed therein specified.

Notary Public

Assignor's signature: Mark Ravera

Citizenship:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)
)
) ss.:
COUNTY OF)

On this ____ day of _____, 2000, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

Notary Public

Assignor's signature: Ku-chuan Hsiao

Citizenship: USA

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)
COUNTY OF) ss.:

On this 1st day of Sept., 2000, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

Notary Public

VICTORIA L. GUSTAFSON
Notary Public of New Jersey
My Commission Expires April 16, 2002

PATENT

Docket No. 1878-4051

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

James Beasley, residing at 35 Magellan Way, Franklin Park, NJ 08823, USA

Arthur J. Blume, residing at 11 Walden Drive, Annandale, NJ 08801, USA

Lauge Schäffer, residing at Hornemansgade 12, 1, 2100-DK Copenhagen Ø, Denmark

Renuka Pillutla, residing at 10 Pope Road, Bridgewater, NJ 08807, USA

Jakob Brandt, residing at Tjoernevangen 27, 2700-DK Broenshoej, DENMARK

Renee Brissette, residing at 20 Deer Trail Drive, Clarksburg, NJ 08510, USA

Jane Spetzler, residing at Østbanegade 41, 1, t.h., 2100-DK Copenhagen Ø, DENMARK

Weiqing Cheng, residing at 87 Tennyson Drive, Plainsboro, NJ 08536, USA

Søren Østergaard, residing at Borrebyvej 21, 2700-DK Broenshoej, DENMARK

Wlodek S. Mandecki, c/o PharmaSeq, 11 Deer Park Drive, Monmouth Junction, NJ 08852, USA

Per Hertz Hansen, residing at Nybrovej 222, 2800-DK Lyngby, DENMARK

Mark Ravera, residing at 579 Shunpike Road, Chatham, NJ 07928, USA

Ku-chuan Hsiao, residing at 451 Milano Drive, Easton, PA 18040, USA
(full name(s) and post office address(s) of inventor(s) (including country))

have made a discovery or invention entitled:

INSULIN AND IGF-1 RECEPTOR AGONISTS AND ANTAGONISTS

(title of discovery or invention)

- ☐ for which application for Letters Patent of the United States has been executed on even date herewith,
- ☒ for which application for Letters Patent of the United States has been filed on March 29, 2000, under Serial No. 09/538,038, and

WHEREAS:

James Beasley, Arthur J. Blume, Renuka Pillutla, Rene Brissette, Weiqing Cheng, Wlodek S. Mandecki, Mark Ravera, and Ku-chuan Hsiao (hereinafter referred to as ASSIGNOR(S)) desire to assign their entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

WHEREAS:

DGI BIOTECHNOLOGIES INC., 40 Talmadge Road, Edison, NJ 08818 USA
(name and address of assignee)

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of ONE Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I, SAID, ASSIGNOR(S), hereby covenant that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over;

AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reissues of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, I will, at any time, when called up to do so by the ASSIGNEE, its successors, legal representatives, or assigns sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and

assigns, to obtain and enforce proper patent protection for said invention or discover in all countries, and without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

Assignor's signature: James Beasley

Citizenship: U.S.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)
 ss.:
COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

Notary Public

Assignor's signature: Arthur J. Blume

Citizenship: U.S.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)
 ss.:
COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

Notary Public

Assignor's signature: Renuka Pillutla

Citizenship: India

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)
 ss.:
COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared
to me known and known to me to be the individual who is described in and who executed the foregoing Assignment,
and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and
purposed therein specified.

Notary Public

Assignor's signature: Rence Brissette

Citizenship: _____

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)
 ss.:
COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared
to me known and known to me to be the individual who is described in and who executed the foregoing Assignment,
and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and
purposed therein specified.

Notary Public

Docket No. 1878-4051

Assignor's signature: Weiqing Cheng

Citizenship: _____

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)
 ss.:
COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared
to me known and known to me to be the individual who is described in and who executed the foregoing Assignment,
and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and
purposed therein specified.

Notary Public

Assignor's signature: Wlodek S. Mandecki

Citizenship: _____

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)
 ss.:
COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared
to me known and known to me to be the individual who is described in and who executed the foregoing Assignment,
and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and
purposed therein specified.

Notary Public

Docket No. 1878-4051

Assignor's signature: Mark Ravera

Citizenship: U.S.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 16th day of Sept. 2000.

STATE OF NJ,
COUNTY OF Horn's ss.:

On this 16th day of Sept., 2000, before me, the undersigned authority, personally appeared

✓ to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

ANA M RODRIGUEZ

Notary Public of New Jersey
Commission Expires 10/02/2002

Ana Rodriguez
Notary Public

Assignor's signature: Ku-chuan Hsiao

Citizenship: _____

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF _____)
COUNTY OF _____) ss.:

On this 16th day of _____, 2000, before me, the undersigned authority, personally appeared

✓ to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

Notary Public

PATENT

Docket No. 1878-4051

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

James Beasley, residing at 35 Magellan Way, Franklin Park, NJ 08823, USA

Arthur J. Blume, residing at 11 Walden Drive, Annandale, NJ 08801, USA

Lauge Schäffer, residing at Hornemansgade 12,1,2100-DK Copenhagen Ø, Denmark

Renuka Pillutla, residing at 10 Pope Road, Bridgewater, NJ 08807, USA

Jakob Brandt, residing at Tjoernevangen 27, 2700-DK Broenshoej, DENMARK

Renee Brissette, residing at 20 Deer Trail Drive, Clarksburg, NJ 08510, USA

Jane Spetzler, residing at Øestbanegade 41,1,t.h., 2100-DK Copenhagen Ø, DENMARK

Weiqing Cheng, residing at 87 Tennyson Drive, Plainsboro, NJ 08536, USA

Søren Østergaard, residing at Borrebyvej 21, 2700-DK Broenshoej, DENMARK

Wlodek S. Mandecki, c/o PharmaSeq, 11 Deer Park Drive, Monmouth Junction, NJ 08852, USA

Per Hertz Hansen, residing at Nybrovej 222, 2800-DK Lyngby, DENMARK

Mark Ravera, residing at 579 Shunpike Road, Chatham, NJ 07928, USA

Ku-chuan Hsiao, residing at 451 Milano Drive, Easton, PA 18040, USA

(full name(s) and post office address(s) of inventor(s) (including country))

have made a discovery or invention entitled:

INSULIN AND IGF-1 RECEPTOR AGONISTS AND ANTAGONISTS

(title of discovery or invention)

☐ for which application for Letters Patent of the United States has been executed on even date herewith,

☒ for which application for Letters Patent of the United States has been filed on March 29, 2000, under Serial No. 09/538,038, and

WHEREAS:

James Beasley, Arthur J. Blume, Renuka Pillutla, Rene Brissette, Weiqing Cheng, Wlodek S. Mandecki, Mark Ravera, and Ku-chuan Hsiao (hereinafter referred to as ASSIGNOR(S)) desire to assign their entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

WHEREAS:

DGI BIOTECHNOLOGIES INC., 40 Talmadge Road, Edison, NJ 08818 USA
(name and address of assignee)

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of ONE Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I, SAID, ASSIGNOR(S), hereby covenant that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over;

AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reissues of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, I will, at any time, when called up to do so by the ASSIGNEE, its successors, legal representatives, or assigns sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and

assigns, to obtain and enforce proper patent protection for said invention or discover in all countries, and without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

Assignor's signature: James Beasley

Citizenship: U.S.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)
 ss.:
COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared to me

known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

Notary Public

Assignor's signature: Arthur J. Blume

Citizenship: U.S.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)
 ss.:
COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

Notary Public

Assignor's signature: Renuka Pillutla

Citizenship: India

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)
 ss.:
COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

Notary Public

Assignor's signature: Renee Brissette

Citizenship: _____

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)
 ss.:
COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

Notary Public

Docket No. 1878-4051

Assignor's signature: Weiqing Cheng

Citizenship:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)
) ss.:
COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

Notary Public

Assignor's signature: Wlodek S. Mandecki

Citizenship:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)
COUNTY OF)
SS.:)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

Notary Public

Docket No. 1878-4051

Assignor's signature: Mark Ravera

Citizenship: _____

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)
 ss.:
COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

Notary Public

Assignor's signature: Ku-chuan Hsiao

Citizenship: _____

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)
 ss.:
COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

Notary Public

Sep-22-2000 01:49pm From: MORGAN & FINKE, LLP

+2127516848

T-201 P.010/015 F-108

PATENT

Docket No. 1878-4051

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

James Beasley, residing at 35 Magellan Way, Franklin Park, NJ 08823, USAArthur J Blume, residing at 11 Walden Drive, Ammandale, NJ 08801, USALauge Schaffer, residing at Hoenemansgade 12, 1, 2100-DK Copenhagen Ø, DenmarkRenuka Pilludra, residing at 10 Pope Road, Bridgewater, NJ 08807, USAJakob Brandt, residing at Tjostevangen 27, 2700-DK Broenshoej, DENMARKRenee Brissette, residing at 20 Deer Trail Drive, Clarksburg, NJ 08510, USAJane Spetzler, residing at Østbanegade 41, 1, 2100-DK Copenhagen Ø, DENMARKWeiqing Cheng, residing at 87 Tennyson Drive, Plainsboro, NJ 08536, USASøren Østergaard, residing at Borrebyvej 21, 2700-DK Broenshoej, DENMARKWlodek S. Mandelick, c/o PharmaSeq, 11 Deer Park Drive, Monmouth Junction, NJ 08852, USAPer Hertz Hansen, residing at Nybrovej 222, 2800-DK Lyngby, DENMARKMark Ravera, residing at 579 Shumpike Road, Chatham, NJ 07928, USAKu-chuan Hsiao, residing at 451 Milagro Drive, Esson, PA 18040, USA
(full name(s) and post office address(s) of inventor(s) (including country))

have made a discovery or invention entitled:

INSULIN AND IGF-1 RECEPTOR AGONISTS AND ANTAGONISTS

(title of discovery or invention)

☐ for which application for Letters Patent of the United States has been executed on even date herewith,☒ for which application for Letters Patent of the United States has been filed on March 29, 2000, under Serial No. 09/538,038, and

Sep-22-2000 01:49pm From: MORGAN & FINCH, LLP

42127516846

T-281 P.011/015 F-198

Docket No. 1878-4051

WHEREAS:

James Beasley, Arthur J. Blum, Renuka Pillutla, Rene Brissette, Weiqing Cheng, Wlodek S. Manddecki, Mark Raven, and Ku-chuan Hsiao (hereinafter referred to as ASSIGNOR(S)) desire to assign their entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

WHEREAS:

DGI BIOTECHNOLOGIES INC., 40 Talmade Road, Edison, NJ 08818 USA
(name and address of assignee)

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of ONE Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I, SAID, ASSIGNOR(S), hereby covenant that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over;

AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reissues of the said Letters Patent or claimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, I will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and

Docket No. 1878-4051

assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, and without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

Assignor's signature: James Reasley

Citizenship: U.S.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF _____)
COUNTY OF _____)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared to me

known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposes therein specified.

Notary Public

Assignor's signature: Arthur I Blume

Citizenship: U.S.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF _____)
COUNTY OF _____)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposes therein specified.

Notary Public

Sep-22-2000 01:50pm

From-MORGAN & PINN LLP

100 ALLOCATION DEF1

+2127618848

T-261 P.014/015 F-199

4014

Docket No. 1878-4051

Assignor's signature: Weiying Chen

Citizenship: CHINA

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)

ss.:

COUNTY OF)

On this 22 day of SEPTEMBER, 2000, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposes therein specified.

Notary Public

Assignor's signature: Wlodck S. Miodicki

Citizenship: _____

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)

ss.:

COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposes therein specified.

Notary Public

Sep-22-2000 01:51pm From MORGAN & FINANCIAL, LLP

+2127818848

T-281 P.015/015 F-100

Docket No. 1878-4051

Assignor's signature: Mark Ravera

Citizenship: _____

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)
)
COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposes therein specified.

Notary Public

Assignor's signature: Ku-chuan Hsiao

Citizenship: _____

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this _____ day of _____, 2000.

STATE OF)
)
COUNTY OF)

On this _____ day of _____, 2000, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposes therein specified.

Notary Public